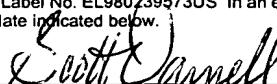
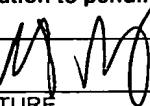


Form PTO-1390 TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 21101.0049U2 U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/532198
INTERNATIONAL APPLICATION NO. PCT/US2003/033590	INTERNATIONAL FILING DATE 22 October 2003	PRIORITY DATE CLAIMED 22 October 2002
TITLE OF INVENTION: MANAGING BIOLOGICAL DATABASES		
APPLICANT(S) FOR DO/EO/US: SANCHEZ, Alejandro; ROBB, Sofia		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. The contents of the paper copy and the computer-readable form of the Sequence Listing submitted herewith are the same and include no new matter, as required by 37 C.F.R. 1.821(f). <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 		
20. Other items or information:		
CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10		
I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service as Express Mail, Label No. EL980239573US in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.		
 Scott Darnell		 Date

U.S. APPLICATION NO. (If known, See 37 CFR 1.1)		INTERNATIONAL APPLICATION NO. PCT/US2003/033590		ATTORNEY DOCKET NUMBER 21101.0049U2	
21. <input checked="" type="checkbox"/> The following fees are submitted: <input checked="" type="checkbox"/> a) Basic national fee \$300.00 <input checked="" type="checkbox"/> b) Examination fee \$200.00 <input checked="" type="checkbox"/> c) Search fee \$100.00				CALCULATIONS PTO USE ONLY	
TOTAL OF ABOVE CALCULATIONS =		\$600.00		\$600.00	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets 106	Extra Sheets	No. of each additional 50 or fraction thereof (round up to a whole number)	RATE		
106-100	6/ 50 = 0.12	1	X 250.00	\$ 250.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims 56	56 - 20 =	36	X \$50.00	\$1800.00	
Independent claims 8	8 - 3 =	5	X \$200.00	\$1000.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00		
TOTAL OF ABOVE CALCULATIONS =				\$3780.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				\$1890.00	
SUBTOTAL =				\$1890.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 months <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$*****	
TOTAL NATIONAL FEE =				\$1890.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property				\$0.00	
TOTAL FEES ENCLOSED =				\$1890.00	
				Amount to be refunded:	\$
				charged:	\$
a. <input type="checkbox"/> A check in the amount of \$***** to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No.14-0629 in the amount of \$***** to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account No. 14-0629. A duplicate copy of this sheet is enclosed. d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. e. <input checked="" type="checkbox"/> Pursuant to 37 C.F.R. §1.136(a)(3), the Commissioner is hereby requested and authorized to treat any concurrent or future reply in the above-identified application, requiring a petition for an extension of time for its timely submission, as incorporating a petition for extension of time for the appropriate length of time.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b) must be filed and granted to restore the application to pending status.					
SEND ALL TO THE ADDRESS ASSOCIATED WITH: : Customer No. 23859					
 SIGNATURE Robert A. Hodges NAME					
41,074 REGISTRATION NUMBER					